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www.secor.com

May 20, 2005
PN 14BP.U6143.05.6147

Mr. Arman Toumari
California Regional Water Quality Control Board
Los Angeles Region
320 W. 4th Street, Suite 200
Los Angeles, CA 90013

**RE: Well Destruction Report
ARCO Facility 06143
3704 Cahuenga Boulevard
North Hollywood, California
File No. 916040416A**

Dear Mr. Toumari:

SECOR International Incorporated (SECOR), on behalf of Atlantic Richfield Company, submits this report documenting the destruction of the existing well network (Wells GW-1 through GW-7 and VW-1 through VW-3) at the referenced site. This work was conducted in response to the California Regional Water Quality Control Board Los Angeles (CRWQCBLA) January 20, 2005 correspondence stating, "...that no further action related to the petroleum release(s) at the site is required" (Appendix A). The CRWQCBLA correspondence required Atlantic Richfield to submit a well abandonment report by March 21, 2005. In a phone conversation conducted on March 21, 2005 between Ms. Cathy Sanford of SECOR and Mr. Arman Toumari with the CRWQCBLA, a two month extension to submit the report was requested and granted with a new report due date of May 21, 2005.

SITE DESCRIPTION

The site is located at the northwest corner of the intersection of Cahuenga Boulevard and Regal Place adjacent to US Route 101 in Los Angeles, California (Figures 1 and 2). The site is an active ARCO service station with an am/pm minimart. The site maintains four 10,000-gallon, double-walled Joor Plasteel Composite gasoline underground storage tanks (USTs), two product dispenser islands (dispensers equipped with under dispenser containment), and associated double-walled fiberglass product piping. The site is located at an elevation of approximately 620 feet above mean sea level. Local topography slopes northwest at approximately 0.02 feet per foot towards the Los Angeles River, which is located approximately 2,100 feet north of the site.

SCOPE OF WORK

Pre-Field Activities

A site-specific Health and Safety Plan (HASP) was prepared for use by SECOR personnel. The HASP addressed issues such as: clearing of above and below ground utilities prior to commencement of drilling operations, hospital location, and a subsurface clearance checklist. SECOR marked the well locations and notified Underground Service Alert (USA [800-227-2600]) approximately 10 days in advance of the well abandonment date to clear well locations of potential subsurface utilities. SECOR also coordinated with Spectrum Geophysics of Burbank, California to investigate the subsurface conditions for possible obstructions not covered by USA and to determine if the well locations were clear for destruction. All pre-field activities, including utility clearance were conducted according to *Precautionary Procedures and Guidelines Document for Drilling, Subsurface Investigations and Remedial Construction Activities for GEM Retail Operations*. A County of Los Angeles well abandonment permit was obtained on March 8, 2005 (Appendix B).

Well Destruction Activities

On May 2nd and 3rd, 2005, SECOR supervised West Hazmat Drilling Corporation of Anaheim, California (C-57 #554979) during the destruction of Wells GW-1 through GW-7 and VW-1 through VW-3 in accordance with the State of California Well Standards. Each well was cleared to five feet using an air knife, over-drilled to total depth and pressure grouted through a tremie pipe with a neat cement/bentonite mixture from total depth to approximately 1.5 feet below ground surface (bgs). The borehole was then capped with 6 inches of bentonite chips and one foot of concrete and finished to match the existing ground surface. A site map with well destruction locations is provided as Figure 2.

Well destruction activities were overseen by qualified SECOR personnel under the direct supervision of a State of California Registered Geologist. Materials generated during field activities were temporarily stored on site in labeled Department of Transportation approved 55-gallon steel drums.

A composite grab soil sample was collected to characterize the waste material contained in the 55-gallon drums for disposal. The sample was relinquished to Del Mar Analytical Laboratory in Irvine, California and analyzed for volatile fuel hydrocarbons ($C_6 - C_{12}$), according to Environmental Protection Agency (EPA) Method 8015, and for benzene, toluene, ethylbenzene, total xylenes (collectively BTEX) and methyl tert butyl ether (MTBE) by EPA Method 8260B. Analytical results of the soil sample collected from the 55-gallon drum indicated that concentrations of volatile fuel hydrocarbons, BTEX and MTBE, were not detected above the laboratory reporting limit (LRL). The certified laboratory analytical report and chain-of-custody documentation is provided as Appendix C.

SECOR coordinated with Belshire Environmental Incorporated (Belshire) to remove generated waste from the site. Drums were transported off site by Belshire and taken to TPS Technologies Incorporated, a California State Certified disposal facility, in Adelanto, California. Waste disposal documentation is provided as Appendix D.

STANDARD LIMITATIONS

All work was performed under the supervision of a Registered Geologist as defined in the Registered Geologist Act of the California Code of Regulations. The information contained in this report represents SECOR's professional opinions, and is based in part on information supplied by the client. These opinions are based on currently available information and are arrived at in accordance with currently accepted hydrogeologic and engineering practices at this time and location. Other than this, no warranty is implied or intended.

If you have any questions regarding these efforts, please contact Ms. Cathy Sanford at (714) 379-3366, extension 276.

Sincerely,
SECOR International Incorporated

Prepared By:

Carrie Salenko
for

Carrie Salenko
Staff Scientist

Reviewed By:

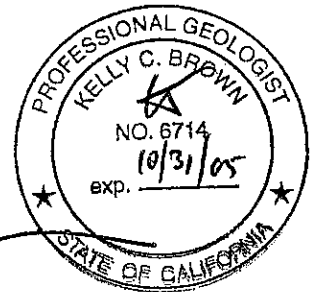
Cathy Sanford

Cathy Sanford
Associate Geologist

Approved By:

Kelly C. Brown

Kelly C. Brown, RG 6714
Principal Geologist



Attachments: Figure 1 – Site Location Map
Figure 2 – Site Map
Appendix A – CRWQCBLA January 20, 2005 Low-Risk Case Closure letter
Appendix B – County of Los Angeles Well Decommissioning Permit
Appendix C – Certified Laboratory Analytical Report and Chain-of-Custody Documentation
Appendix D – Waste Disposal Manifest

cc: Mr. Roy Thun, Atlantic Richfield Company



CALIFORNIA



NORTH

SCALE
1 inch = 2000 feet
0 1000 2000

QUADRANGLE LOCATION

REFERENCE: USGS 7.5 MINUTE QUADRANGLE; NORTH HOLLYWOOD QUAD, CALIFORNIA; REVISION DATE 1981



SECOR

11085 KNOTT AVENUE, SUITE B
CYPRESS, CALIFORNIA
PHONE: (714)379-3366/FAX: (714)379-3375

PREPARED FOR:

ATLANTIC RICHFIELD COMPANY
ARCO FACILITY 06143
3704 CAHUENGA BOULEVARD
NORTH HOLLYWOOD

JOB NUMBER:

14BP.U6143.03.

DRAWN BY:

L. RAMIREZ

CHECKED BY:

C. SALENKO

APPROVED BY:

C. SANFORD

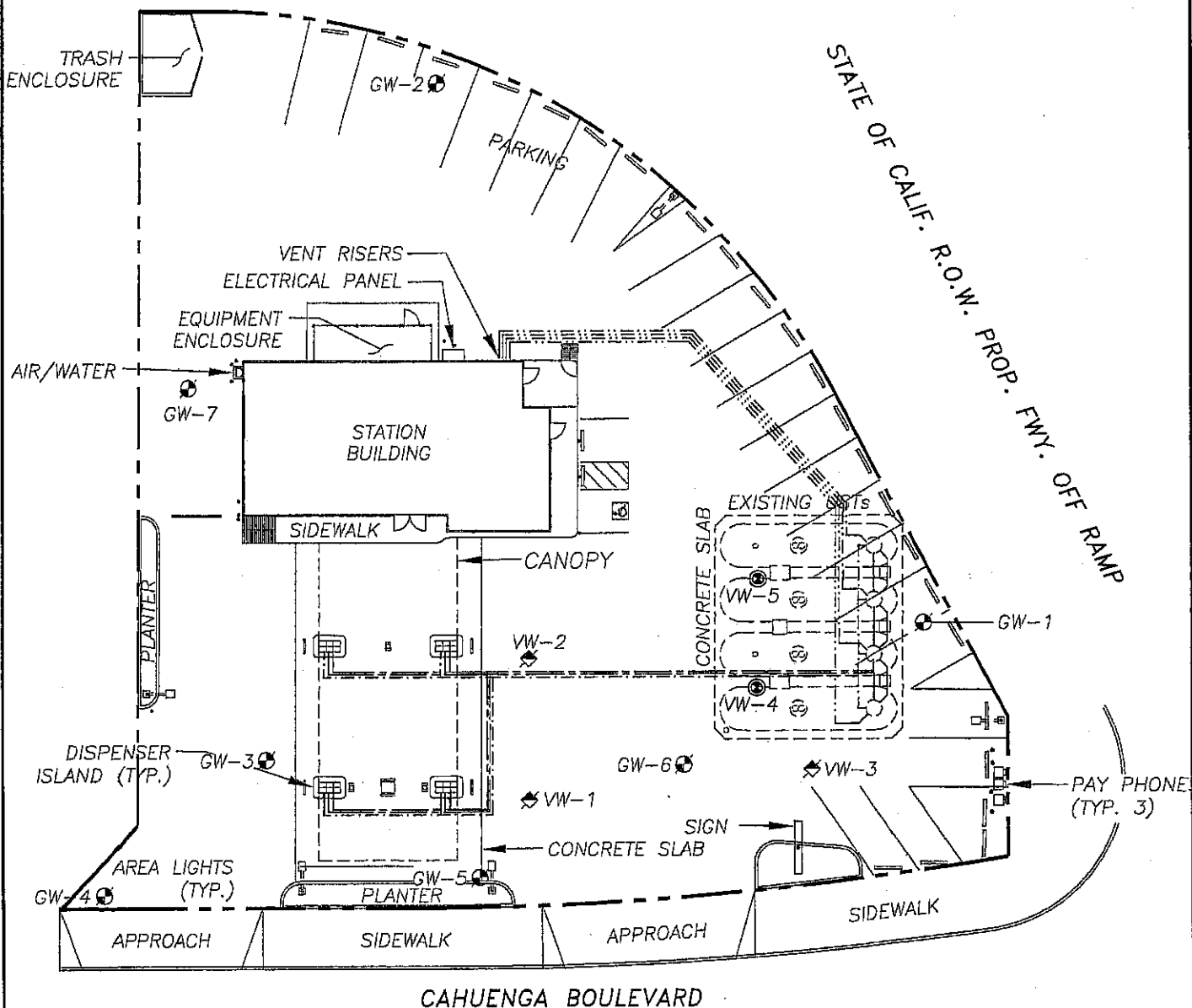
FIGURE:

1

DATE:

JUNE 2004

SITE LOCATION MAP



LEGEND

- SITE PROPERTY LINE
- GW-1
 ABANDONED GROUNDWATER MONITORING WELL LOCATIONS
- VW-4
 VADOSE MONITORING WELL LOCATIONS
- VW-1
 ABANDONED VADOSE MONITORING WELL LOCATIONS

NOTES:

1. SOURCE OF MAP: F.F. AND ASSOCIATES, DATED OCTOBER 2, 2000.
2. MONITORING WELLS SURVEYED BY WM HOLDINGS INC., ON NOVEMBER 13, 2003. SITE FEATURES AND LOCATIONS ARE APPROXIMATE.
3. WELL ABANDONMENT PERFORMED ON MAY 2-3, 2005.

0 30 60
 APPROXIMATE SCALE IN FEET



SECOR

11085 KNOTT AVENUE, SUITE B
 CYPRESS, CALIFORNIA
 PHONE: (714) 379-3366/379-3375 (FAX)

VARCOIQRLY-GW.MAP\6143\Q1\Q1-04\

PREPARED FOR:

ATLANTIC RICHFIELD COMPANY
 ARCO FACILITY 06143
 3704 CAHUENGA BOULEVARD
 NORTH HOLLYWOOD, CALIFORNIA

JOB NUMBER:

149P.06143.03.0436

DRAWN BY:

L. Ramirez

CHECKED BY:

C. Salenko

APPROVED BY:

C. Sanford

FIGURE:

2

DATE:

April 2005

A6143_1Q05

Appendix A

CRWQCBLA January 20, 2005 Low-Risk Case Closure Letter



Alan C. Lloyd, Ph.D.
Agency Secretary

California Regional Water Quality Control Board Los Angeles Region

Recipient of the 2001 Environmental Leadership Award from Keep California Beautiful

320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 - FAX (213) 576-6640 - Internet Address: <http://www.waterboards.ca.gov/losangeles>



Arnold Schwarzenegger
Governor

January 20, 2005

Roy Thun
Arco Products Company
4 Centerpointe Drive
La Palma, CA 90623

UNDERGROUND STORAGE TANKS PROGRAM – LOW-RISK CASE CLOSURE ARCO SERVICE STATION #06143 (D-1 SITE) 3704 CAHUENGA BOULEVARD, NORTH HOLLYWOOD, CA (FILE NO. 916040416A)

Dear Mr. Thun:

This letter confirms the completion of a site investigation and corrective action for the underground storage tank(s) formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground tank(s) site is in compliance with the requirements of subdivision (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the Health and Safety Code.

Because the subject site currently contains active underground storage gasoline tanks, we recommend that you properly maintain all existing monitoring wells and/or vapor extraction wells onsite, so that they would be available should further monitoring be deemed necessary. However, if you choose to abandon these wells, you must comply with the following:

1. All wells must be properly located and abandoned.
2. Well abandonment permits and all other necessary permits must be obtained from the appropriate agencies prior to the start of work.
3. You must submit a report on the abandonment of the wells to this office by **March 21, 2005**. This report must include, at a minimum, a site map, a description of the well abandonment process, and copies of all signed permits.

*was extended
May 21, 2005*

California Environmental Protection Agency



Recycled Paper

Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

Roy Thun
Arco Service Station #06143

-2-

January 20, 2005

Please contact Dr. Yi Lu at (213) 576-6695 or Mr. Arman Toumari at (213) 576-6758, if you have any questions regarding this matter.

Sincerely,

ORIGINAL SIGNED BY

Jonathan S. Bishop
Executive Officer

cc: Tim Smith, L.A. County DPW, Environmental Program Division
Nancy Matsumoto, Water Replenishment District of Southern California
Kelly Brown, SECOR

California Environmental Protection Agency



Recycled Paper

Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

Appendix B

**County of Los Angeles
Well Decommissioning Permit**

WELL PERMIT APPLICATION

NON-PRODUCTION WELLS

WATER & SEWAGE / MOUNTAIN & RURAL PROGRAMS - ENVIRONMENTAL HEALTH DIVISION
5050 COMMERCE DRIVE, BALDWIN PARK, CA 91706 (626) 430-5380 FAX (626) 813-3016

DATE: 3-2-05

<input type="checkbox"/> NEW WELL CONSTRUCTION <input type="checkbox"/> RECONSTRUCTION OR RENOVATION <input checked="" type="checkbox"/> DECOMMISSIONING <input type="checkbox"/> OTHER:	<input type="checkbox"/> MONITORING <input type="checkbox"/> CATHODIC <input type="checkbox"/> INJECTION <input type="checkbox"/> EXTRACTION	<input type="checkbox"/> HEAT EXCHANGE <input type="checkbox"/> OTHER (Specify):
---	---	---

WELL LOCATION	SITE ADDRESS <u>ARCO 6143</u>		CITY <u>NORTH HOLLYWOOD, CA</u>	ZIP CODE <u>91604</u>
	<u>3704 Cahuenga Boulevard</u>			
	Township <u>T1N</u>	Range <u>R14W</u>	Section	Map Book Page/ Grid <u>Thomas Guide Page 563 B-6</u>
	NO. OF WELLS IN EACH PARCEL: <u>7</u> Attach site map with well locations <u>Wells GW-1 through GW-7</u>			

WELL STRUCTURE	Type and Size of Production Casing	<u>4" Casing</u>
	Sanitary / Annular Sealing Material	<u>Betonite</u>
	Depth of Sanitary / Annular Seal	<u>Variable</u>
	Conductor Casing Seal	<u>Betonite</u>

Company	<u>SECOR International Inc.</u>	CONSULTANT
Contact Person	<u>Carrie Salenko</u>	
Address	<u>11085 Knott Avenue, Ste B</u>	
City, State Zip	<u>Cypress, CA 90630</u>	
Telephone	<u>(714) 379-3366</u> ^{fax (714)} <u>379-3375</u>	

IF WELL AND GEOLOGIC CONDITIONS ENCOUNTERED IN THE FIELD ARE FOUND TO DIFFER FROM THE SCOPE OF WORK PRESENTED TO THIS OFFICE, WORK PLAN MODIFICATIONS MAY BE REQUIRED

OWNER / DRILLER INFORMATION	Well Owner	<u>Atlantic Richfield</u>
	Address	<u>4 Centerpointe Drive</u>
	City / Zip Code	<u>La Palma, CA 90623</u>
	Telephone	<u>(818) 957-1755</u>
	Well Driller	<u>West Hazmat</u>
	Address	<u>10116 East Katella Ave.</u>
	City / Zip Code	<u>Anaheim, CA 92805</u>
	C-57 License No.	<u>C-57 554979</u>
Telephone	<u>(714) 939-6850</u>	

DISPOSITION OF PERMIT (Department Use Only)
THIS PERMIT IS CONSIDERED COMPLETE WHEN THE WORK PLAN IS APPROVED AND WHEN THE WELL COMPLETION LOG IS RECEIVED. NO WELL CONSTRUCTION OR DECOMMISSIONING CAN BE INITIATED WITHOUT THE WORK PLAN APPROVAL FROM THIS DEPARTMENT.

WORK PLAN APPROVAL	
This Approval is Valid for 180 Days	
Date <u>3-8-05</u>	REHS <u>Myron Jones</u>
Conditions	

OVERDRILL ALL WELLS TO TOTAL DEPTH AND BACK FILL (VIA TREMIE PIPE METHOD) ALL HOLES w/ NEAT CEMENT MIXED AT A 0.5 WATER TO CEMENT RATIO (BY WEIGHT). - NOTE: UP TO 5% BENTONITE BY WEIGHT MAY BE ADDED TO THE NEAT CEMENT AT 1 gallon of water to 2 pounds of approved bentonite.

WELL DECOMMISSIONING	Well Depth log / records	<u>35.00 feet - 40.00 feet</u>
	Method of Well Assessment	<u>Pressure Grout and Drill or Air Knife upper 5 feet.</u>
	Depth and Number of Perforations	<u>Variable</u>
	Type of Perforator Size of Perforations	<u>Variable (0.02 inch)</u>
	Type and Amount of Sealant	<u>Variable (Bentonite)</u>
	Method of Upper Seal Pressure Application	<u>Bentonite Grout</u>

I hereby agree to comply in every respect with all the regulations of the County Environmental Health Division and with all ordinances and laws of the County of Los Angeles and the State of California pertaining to well construction, reconstruction and decommissioning. Upon completion of the well and within thirty days thereafter, I will furnish the Environmental Health office with a completion log of the well giving date drilled, depth of the well, perforations in the casing, and any other data deemed necessary by County Environmental Health Division.

Carrie Salenko
Applicant's Signature

Applicant Name: (PRINT)
Telephone:

FINAL INSPECTION	
Date	REHS
PERMIT ISSUED	
The well log must be submitted to this Department prior to issuance of the final approval	
Date	REHS

APPENDIX C

Certified Laboratory Analytical Report and Chain-of-Custody Documentation



Del Mar Analytical

17461 Darian Ave., Suite 100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (949) 370-1046
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (619) 505-8596 FAX (619) 505-9689
9630 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

LABORATORY REPORT

Prepared For: Belshire Environmental Services
25971 Towne Centre Drive
Lake Forest, CA 92610
Attention: Larry Moothart

Project: ARCO # 6143

Sampled: 05/06/05
Received: 05/06/05
Issued: 05/09/05 17:44

NELAP #01108CA California ELAP#1197 CSDLAC #10117

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

LABORATORY ID
IOE0395-01

CLIENT ID
SOIL #1

MATRIX
Soil

Reviewed By:

Del Mar Analytical, Irvine
Sushmitha Reddy For Lisa Reightley
Project Manager



Del Mar Analytical

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2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

Belshire Environmental Services
25971 Towne Centre Drive
Lake Forest, CA 92610
Attention: Larry Moothart

Project ID: ARCO # 6143

Report Number: IOE0395

Sampled: 05/06/05

Received: 05/06/05

VOLATILE FUEL HYDROCARBONS (EPA 5030/CADHS Mod. 8015)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOE0395-01 (SOIL #1 - Soil)								
Reporting Units: mg/kg								
Volatiles Fuel Hydrocarbons (C6-C12)	EPA 8015 Mod.	5E06050	1.0	ND	0.948	5/6/2005	5/6/2005	
Surrogate: 4-BFB (FID) (70-135%)				93 %				

Del Mar Analytical, Irvine
Sushmitha Reddy For Lisa Reightley
Project Manager

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2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

Belshire Environmental Services
25971 Towne Centre Drive
Lake Forest, CA 92610
Attention: Larry Moothart

Project ID: ARCO # 6143

Report Number: IOE0395

Sampled: 05/06/05

Received: 05/06/05

BTEX and MTBE by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOE0395-01 (SOIL #1 - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	5E08004	2.0	ND	1.01	5/8/2005	5/8/2005	
Ethylbenzene	EPA 8260B	5E08004	2.0	ND	1.01	5/8/2005	5/8/2005	
Toluene	EPA 8260B	5E08004	2.0	ND	1.01	5/8/2005	5/8/2005	
o-Xylene	EPA 8260B	5E08004	2.0	ND	1.01	5/8/2005	5/8/2005	
m,p-Xylenes	EPA 8260B	5E08004	2.0	ND	1.01	5/8/2005	5/8/2005	
Xylenes, Total	EPA 8260B	5E08004	4.0	ND	1.01	5/8/2005	5/8/2005	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	5E08004	5.0	ND	1.01	5/8/2005	5/8/2005	
Surrogate: Dibromofluoromethane (80-125%)				104 %				
Surrogate: Toluene-d8 (80-120%)				102 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				100 %				

Del Mar Analytical, Irvine
Sushmitha Reddy For Lisa Reightley
Project Manager

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2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

Belshire Environmental Services
25971 Towne Centre Drive
Lake Forest, CA 92610
Attention: Larry Moothart

Project ID: ARCO # 6143

Report Number: IOE0395

Sampled: 05/06/05

Received: 05/06/05

METHOD BLANK/OC DATA

VOLATILE FUEL HYDROCARBONS (EPA 5030/CADHS Mod. 8015)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Data Qualifiers
Batch: SE06050 Extracted: 05/06/05										
Blank Analyzed: 05/06/2005 (SE06050-BLK1)										
Volatile Fuel Hydrocarbons (C6-C12)	ND	1.0	mg/kg							
Surrogate: 4-BFB (FID)	0.0485		mg/kg	0.0500		97	70-135			
LCS Analyzed: 05/06/2005 (SE06050-BS1)										
Volatile Fuel Hydrocarbons (C6-C12)	3.84	1.0	mg/kg	4.00		96	70-135			
Surrogate: 4-BFB (FID)	0.181		mg/kg	0.150		121	70-135			
Matrix Spike Analyzed: 05/06/2005 (SE06050-MS1)										
					Source: IOE0395-01					
Volatile Fuel Hydrocarbons (C6-C12)	0.865	1.0	mg/kg	1.07	ND	81	55-140			
Surrogate: 4-BFB (FID)	0.0441		mg/kg	0.0488		90	70-135			
Matrix Spike Dup Analyzed: 05/06/2005 (SE06050-MSD1)										
					Source: IOE0395-01					
Volatile Fuel Hydrocarbons (C6-C12)	0.969	1.0	mg/kg	1.02	ND	95	55-140	11	35	
Surrogate: 4-BFB (FID)	0.0470		mg/kg	0.0465		101	70-135			

Del Mar Analytical, Irvine
Sushmitha Reddy For Lisa Reightley
Project Manager

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IOE0395 <Page 4 of 8>



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2520 E. Sunser Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

Belshire Environmental Services
25971 Towne Centre Drive
Lake Forest, CA 92610
Attention: Larry Moothart

Project ID: ARCO # 6143

Report Number: IOE0395

Sampled: 05/06/05

Received: 05/06/05

METHOD BLANK/OC DATA

BTEX and MTBE by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD RPD	Data Limit	Qualifiers
Batch: 5E08004 Extracted: 05/08/05									
Blank Analyzed: 05/08/2005 (5E08004-BLK1)									
Benzene	ND	2.0	ug/kg						
Ethylbenzene	ND	2.0	ug/kg						
Toluene	ND	2.0	ug/kg						
o-Xylene	ND	2.0	ug/kg						
m,p-Xylenes	ND	2.0	ug/kg						
Xylenes, Total	ND	4.0	ug/kg						
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/kg						
Surrogate: Dibromofluoromethane	49.8		ug/kg	50.0		100		80-125	
Surrogate: Toluene-d8	51.2		ug/kg	50.0		102		80-120	
Surrogate: 4-Bromofluorobenzene	49.1		ug/kg	50.0		98		80-120	
LCS Analyzed: 05/08/2005 (5E08004-BS1)									
Benzene	54.8	2.0	ug/kg	50.0		110		65-120	
Ethylbenzene	54.7	2.0	ug/kg	50.0		109		70-125	
Toluene	52.4	2.0	ug/kg	50.0		105		70-125	
o-Xylene	52.7	2.0	ug/kg	50.0		105		70-125	
m,p-Xylenes	105	2.0	ug/kg	100		105		70-125	
Xylenes, Total	158	4.0	ug/kg	150		105		70-125	
Methyl-tert-butyl Ether (MTBE)	51.8	5.0	ug/kg	50.0		104		55-140	
Surrogate: Dibromofluoromethane	51.7		ug/kg	50.0		103		80-125	
Surrogate: Toluene-d8	51.9		ug/kg	50.0		104		80-120	
Surrogate: 4-Bromofluorobenzene	50.8		ug/kg	50.0		102		80-120	
Matrix Spike Analyzed: 05/08/2005 (5E08004-MS1)									
				Source: IOE0396-01					
Benzene	50.5	2.0	ug/kg	49.8	ND	101		65-130	
Ethylbenzene	51.0	2.0	ug/kg	49.8	ND	102		70-130	
Toluene	49.1	2.0	ug/kg	49.8	ND	99		70-125	
o-Xylene	49.4	2.0	ug/kg	49.8	ND	99		70-125	
m,p-Xylenes	98.5	2.0	ug/kg	99.6	ND	99		70-125	
Xylenes, Total	148	4.0	ug/kg	149	ND	99		70-125	
Methyl-tert-butyl Ether (MTBE)	46.5	5.0	ug/kg	49.8	ND	93		55-150	
Surrogate: Dibromofluoromethane	49.4		ug/kg	49.8		99		80-125	
Surrogate: Toluene-d8	52.1		ug/kg	49.8		105		80-120	
Surrogate: 4-Bromofluorobenzene	49.7		ug/kg	49.8		100		80-120	

Del Mar Analytical, Irvine
Sushmitha Reddy For Lisa Reightley
Project Manager

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Belshire Environmental Services
25971 Towne Centre Drive
Lake Forest, CA 92610
Attention: Larry Moothart

Project ID: ARCO # 6143

Report Number: IOE0395

Sampled: 05/06/05

Received: 05/06/05

METHOD BLANK/QC DATA

BTEX and MTBE by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5E08004 Extracted: 05/08/05										
Matrix Spike Dup Analyzed: 05/08/2005 (5E08004-MSD1)					Source: IOE0396-01					
Benzene	50.4	2.0	ug/kg	49.4	ND	102	65-130	0	20	
Ethylbenzene	50.9	2.0	ug/kg	49.4	ND	103	70-130	0	25	
Toluene	49.2	2.0	ug/kg	49.4	ND	100	70-125	0	20	
o-Xylene	49.2	2.0	ug/kg	49.4	ND	100	70-125	0	25	
m,p-Xylenes	99.2	2.0	ug/kg	98.8	ND	100	70-125	1	25	
Xylenes, Total	148	4.0	ug/kg	148	ND	100	70-125	0	25	
Methyl-tert-butyl Ether (MTBE)	48.0	5.0	ug/kg	49.4	ND	97	55-150	3	35	
Surrogate: Dibromofluoromethane	49.4		ug/kg	49.4		100	80-125			
Surrogate: Toluene-d8	51.0		ug/kg	49.4		103	80-120			
Surrogate: 4-Bromofluorobenzene	48.6		ug/kg	49.4		98	80-120			

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DATA QUALIFIERS AND DEFINITIONS

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD Relative Percent Difference

ADDITIONAL COMMENTS

For Volatile Fuel Hydrocarbons (C6-C12):

Volatile Fuel Hydrocarbons (C6-C12) are quantitated against a gasoline standard.

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Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	Nelac	California
EPA 8015 Mod.	Soil	X	X
EPA 8260B	Soil	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.

Del Mar Analytical, Irvine
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CHAIN OF CUSTODY FORM

[illegible]

Intact ☒ On loc. ☐ ☐ or as quick as possible
Due to the man's work loc.

APPENDIX D
Waste Disposal Manifest

TPS Technologies Soil Recycling

Non-Hazardous Soils

Manifest # 3

Manifest

Date of Shipment: 5/17/2005	Responsible for Payment: WEST	Transporter Truck #: 707-476	Facility #: 02	Given by TPS: 240716	Load #: 12011
Generator's Name and Billing Address: 20 WEST COAST PRODUCTS LLC P.O. BOX 80249 RANCHO SANTA MARGARITA, CA 92688		Generator's Phone #: Person to Contact: FAX#:		Generator's US EPA ID No. Customer Account Number with TPS:	
Consultant's Name and Billing Address:		Consultant's Phone #: Person to Contact: FAX#:		Customer Account Number with TPS:	
Generation Site (Transport from): (name & address) ARCO #6143 3704 CAHUENGA BLVD. NORTH HOLLYWOOD, CA 91604		Site Phone #: Person to Contact: FAX#:		BTEX Levels TPH Levels AVG. Levels	
Designated Facility (Transport to): (name & address) TPS TECHNOLOGIES, INC. 12328 HIBISCUS AVENUE ADELANTO, CA 92301		Facility Phone #: Person to Contact: FAX#:		Facility Permit Numbers	
Transporter Name and Mailing Address: BELSHIRE ENVIRONMENTAL 25571 TOWNE CENTRE DRIVE LAKE FOREST, CA 92610 RESID# 111971.02		Transporter's Phone #: Person to Contact: FAX#:		Transporter's US EPA ID No.: Transporter's DOT No.: Customer Account Number with TPS:	

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>	5000		6140	3160	2980
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>					1.49

List any exception to items listed above:

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator ☐ Consultant ☐ Signature and date: Larry Mothart RESID on behalf of ARCO Month Day Year 5 5 05

Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: Signature and date: Month Day Year 5 18 05

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: Signature and date: D. JEFFREY / J. PROVANSOL 5.18.05

Generator and/or Consultant

Transporter

Recycling Facility

Please print or type